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Andrea De Lucia , Eugenio Pompella , Silvio Stefanucci
Proceedings of the 14th international conference on Software engineering and knowledge engineering July 2002
This paper reports on an empirical study aiming at constructing cost estimation models for corrective maintenance projects. Data available were collected from five maintenance projects currently carried out by a large software enterprise. The resulting models, constructed using multivariate linear regression techniques, allow to estimate the costs of a project conducted according to the adopted maintenance processes. Model performances on future observations were achieved by taking into account ... | 100% |
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4 Allen M. Johnson , Miroslaw Malek

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In computer design, it is essential to know the effectiveness of different design options in improving performance and dependability. Various software tools have been created to evaluate these parameters, applying both analytic and simulation techniques, and this paper reviews those related primarily to reliability, availability, and serviceability. The purpose, type of models used, type of systems modeled, inputs, and outputs are given for each package. Examples of some of the key modeling ...






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 S. Finkelstein , M. Schkolnick , P. Tiberio
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[4] P. Dulchinos , J. Hill
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[4] Axel Hein , Mario Dal Cin
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Reliability and Maintainability Symposium, 2003. Annual , 27-30 Jan. 2003

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Simulation Conference, 2002. Proceedings of the Winter , Volume: 1 , 8-11 Dec. 2002

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4 Integrating simulation modeling and equipment condition diagnostics for predictive maintenance strategies-a case study

Contreras, L.R.; Modi, C.; Pennathur, A.;

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Gani, A.; Salami, M.J.E.;

Research and Development, 2002. SCORed 2002. Student Conference on , 16-17 July 2002

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Control Applications, 2002. Proceedings of the 2002 International Conference on , Volume: 1 , 18-20 Sept. 2002

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Heydari, A.;

Thermal and Thermomechanical Phenomena in Electronic Systems, 2002. ITherm 2002. The Eighth Intersociety Conference on , 30

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10 Relating failure prognostics to system benefits

Bridgman, M.S.;

Aerospace Conference Proceedings, 2002. IEEE , Volume: 7 , 9-16

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11 A discrete-event simulator for predicting outage time and costs as a function of maintenance resources

Hecht, M.; Handal, J.;

Reliability and Maintainability Symposium, 2002. Proceedings.

Annual , 28-31 Jan. 2002

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12 Reliability improvement of airport ground transportation vehicles using neural networks to anticipate system failure

Smith, A.E.; Coit, D.W.; McCullers, C.W.;

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Annual , 28-31 Jan. 2002

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Godoy Simoes, M.; Leonidas Merma Tiquilloca, J.; Mitio Morishita, H.;

Industry Applications, IEEE Transactions on , Volume: 38 Issue: 2 ,

March-April 2002

Page(s): 457 -466

[\[Abstract\]](#) [\[PDF Full-Text \(513 KB\)\]](#) **IEEE JNL**

14 Model-based predictive diagnostics for electrical chemical energy sources

Kozlowski, J.D.; Byington, C.S.; Garga, A.K.; Watson, M.J.; Hay, T.A.;

Aerospace Conference, 2001, IEEE Proceedings. , Volume: 6 , 10-17 March 2001

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15 Effect of MTTF and MTTR statistical uncertainty on mission dependability for power electronics equipped systems

Fazio, V.; Firpo, P.; Savio, S.;

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[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF**

16 A simulation model for the performance evaluation when migrating legacy systems

Pinheiro da Silva, P.; Laender, A.H.F.; Golgher, P.B.;

Software Maintenance and Reengineering, 2001. Fifth European Conference on , 14-16 March 2001

Page(s): 210 -215

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) **IEEE CNF**

17 An analytical model for predicting the impact of maintenance resource allocation on air traffic control system availability

Hecht, M.; Handal, J.;

Reliability and Maintainability Symposium, 2001. Proceedings. Annual , 22-25 Jan. 2001

Page(s): 46 -52

[\[Abstract\]](#) [\[PDF Full-Text \(664 KB\)\]](#) **IEEE CNF**

18 Vehicle health management research for legacy and future operational environments

Faas, P.; Schroeder, J.B.; Smith, G.;

AUTOTESTCON Proceedings, 2001. IEEE Systems Readiness Technology Conference , 20-23 Aug. 2001

Page(s): 718 -729

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) **IEEE CNF**

19 An application of diagnostic inference modeling to vehicle health management

Bartolini, A.; Sheppard, J.W.; Munns, T.E.;

AUTOTESTCON Proceedings, 2001. IEEE Systems Readiness Technology Conference , 20-23 Aug. 2001

Page(s): 706 -717

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) **IEEE CNF**

20 Nonlinear and hybrid modeling, simulation, and control: current technology and future views at pavilion technologies

Sayyar-Rodsari, B.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 2 , 25-27 June 2001

Page(s): 1706 -1707 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) **IEEE CNF**

21 Independent-tree ad hoc multicast routing (ITAMAR)

Sajama, S.; Haas, Z.J.;

Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th , Volume: 2 , 7-11 Oct. 2001

Page(s): 600 -604 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) **IEEE CNF**

22 Treatment of reliability for reuse and remanufacture

Murayama, T.; Shu, L.H.;

Environmentally Conscious Design and Inverse Manufacturing, 2001. Proceedings EcoDesign 2001: Second International Symposium on , 11-15 Dec. 2001

Page(s): 287 -292

[\[Abstract\]](#) [\[PDF Full-Text \(619 KB\)\]](#) **IEEE CNF**

23 Finite element analysis of internal winding faults in distribution transformers

Wang, H.; Butler, K.L.;

Power Delivery, IEEE Transactions on , Volume: 16 Issue: 3 , July 2001

Page(s): 422 -428

[\[Abstract\]](#) [\[PDF Full-Text \(120 KB\)\]](#) **IEEE JNL**

24 G-renewal process as a model for statistical warranty claim prediction

Kaminskiy, M.P.; Krivtsov, V.V.;

Reliability and Maintainability Symposium, 2000. Proceedings. Annual , 24-27 Jan. 2000

Page(s): 276 -280

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE CNF**

25 Combat Information Transport System reliability and availability performance

Mondro, M.J.;

MILCOM 2000. 21st Century Military Communications Conference Proceedings , Volume: 2 , 22-25 Oct. 2000

Page(s): 1049 -1054 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) **IEEE CNF**

26 Parameters and forces of a PM linear synchronous motor with magnetic guides for industrial applications: computed and experimental results

Profumo, F.; Tenconi, A.; Gianolio, G.;

Industry Applications Conference, 2000. Conference Record of the 2000 IEEE , Volume: 1 , 8-12 Oct. 2000

Page(s): 15 -20 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) **IEEE CNF**

27 Motor fault detection using Elman neural network with genetic algorithm-aided training

Gao, X.Z.; Ovaska, S.J.; Dote, Y.;

Systems, Man, and Cybernetics, 2000 IEEE International Conference on , Volume: 4 , 8-11 Oct. 2000

Page(s): 2386 -2392 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(541 KB\)\]](#) **IEEE CNF**

28 A systems engineering approach to behavioral predictions of an advanced air traffic management concept

Gore, B.F.; Corker, K.M.;

Digital Avionics Systems Conferences, 2000. Proceedings. DASC. The 19th , Volume: 1 , 7-13 Oct. 2000

Page(s): 4B3/1 -4B3/8 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(712 KB\)\]](#) [IEEE CNF](#)

29 **Detection of precursor wear debris in lubrication systems**

Edmonds, J.; Resner, M.S.; Shkarlet, K.;

Aerospace Conference Proceedings, 2000 IEEE , Volume: 6 , 18-25

March 2000

Page(s): 73 -77 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(576 KB\)\]](#) [IEEE CNF](#)

30 **Parallelization of a 3D magnetostatic code using High Performance Fortran**

Cagniot, E.; Dekeyser, J.L.; Boulet, P.; Brandes, T.; Piriou, F.;

Marques, G.;

Parallel Computing in Electrical Engineering, 2000. PARELEC 2000.

Proceedings. International Conference on , 27-30 Aug. 2000

Page(s): 181 -185

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

31 **A step forward or backward? Sound Transit opts for 1500 VDC traction electrification**

Pham, K.; Eacker, R.; Burnett, M.; Bardsley, M.;

Railroad Conference, 2000. Proceedings of the 2000 ASME/IEEE Joint

, 4-6 April 2000

Page(s): 67 -72

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) [IEEE CNF](#)

32 **Audio-visual guided predictive simulator in multi-teleoperator coordination**

Nak Young Chong; Kotoku, T.; Ohba, K.; Sasaki, H.; Komoriya, K.;

Tanie, K.;

Industrial Electronics Society, 2000. IECON 2000. 26th Annual

Conference of the IEEE , Volume: 1 , 22-28 Oct. 2000

Page(s): 614 -619 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) [IEEE CNF](#)

33 **Modeling of a ferroelectric driven by an anisotropic piezoelectric composite laminate**

Mei-Ling Zhu; Lee, S.-W.R.; Tong-Yi Zhang; Pin Tong;

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions

on , Volume: 47 Issue: 6 , Nov. 2000

Page(s): 1561 -1574

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) **IEEE JNL**

34 Neural network based model-based predictions

Jaw, L.C.;

Aerospace Conference, 1999. Proceedings. 1999 IEEE , Volume: 3 ,
6-13 March 1999

Page(s): 21 -28 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) **IEEE CNF**

35 Search party: using randomcast for reliable multicast with local recovery

Costello, A.M.; McCanne, S.;

INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE
Computer and Communications Societies. Proceedings. IEEE ,
Volume: 3 , 21-25 March 1999

Page(s): 1256 -1264 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(864 KB\)\]](#) **IEEE CNF**

36 Virtual impedance based remote tele-collaboration with time delay

Nak Young Chong; Kotoku, T.; Ohba, K.; Komoriya, K.; Matsuhira, N.; Taniel, K.;

Robot and Human Interaction, 1999. RO-MAN '99. 8th IEEE
International Workshop on , 27-29 Sept. 1999

Page(s): 267 -272

[\[Abstract\]](#) [\[PDF Full-Text \(956 KB\)\]](#) **IEEE CNF**

37 New control scheme in the local system stabilizing controller

Okuno, H.; Tominaka, T.; Fujishima, S.; Mitsumoto, T.; Kubo, T.; Kawaguchi, T.; Kim, J.-W.; Ikegami, K.; Sakamoto, N.; Yokouchi, S.; Morikawa, T.; Tanaka, T.; Goto, A.; Yano, Y.;

Power Engineering Society 1999 Winter Meeting, IEEE , Volume: 2 ,
31 Jan.-4 Feb. 1999

Page(s): 1075 -1077 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) **IEEE CNF**

38 Step-by-step accelerated testing

Klyatis, L.M.;

Reliability and Maintainability Symposium, 1999. Proceedings.
Annual , 18-21 Jan. 1999
Page(s): 57 -61

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE CNF**

39 Predictive analysis ranks reliability improvements

McCarthy, C.A.; Haijun Liu;

Computer Applications in Power, IEEE , Volume: 12 Issue: 4 , Oct.
1999

Page(s): 35 -40

[\[Abstract\]](#) [\[PDF Full-Text \(744 KB\)\]](#) **IEEE JNL**

40 A Mini-FAB simulation model comparing FIFO and MIVP(R) schedule policies (outer loop), and PID and H^{∞} machine controllers (inner loop) for semiconductor diffusion bay maintenance

Flores-Godoy, J.-J.; Yan Wang; Collins, D.W.; Hoppensteadt, F.; Tsakalis, K.;

Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference of the IEEE , Volume: 1 , 31 Aug.-4 Sept.
1998

Page(s): 253 -258 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) **IEEE CNF**

41 MIMO predictive control with constraints by using an embedded knowledge based model [hydraulic structures]

Pages, J.C.; Compas, J.M.; San, J.;

Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on , Volume: 4 , 11-14 Oct. 1998

Page(s): 3902 -3907 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(588 KB\)\]](#) **IEEE CNF**

42 The predictive validity criterion for evaluating binary classifiers

El Emam, K.;

Software Metrics Symposium, 1998. Metrics 1998. Proceedings. Fifth International , 20-21 Nov. 1998

Page(s): 235 -244

[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **IEEE CNF**

43 Proceedings Ninth International Symposium on Software Reliability Engineering (Cat. N .98TB100257)

Software Reliability Engineering, 1998. Proceedings. The Ninth International Symposium on , 4-7 Nov. 1998

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) **IEEE CNF**

44 IFE availability prediction model

Hansen, J.M.;

Digital Avionics Systems Conference, 1998. Proceedings., 17th DASC. The AIAA/IEEE/SAE , Volume: 2 , 31 Oct.-7 Nov. 1998

Page(s): G12/1 -G12/7 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) **IEEE CNF**

45 A 3-D method for autonomously controlling multiple spacecraft orbits

Folta, D.C.; Quinn, D.;

Aerospace Conference, 1998. Proceedings., IEEE , Volume: 1 , 21-28 March 1998

Page(s): 51 -60 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(928 KB\)\]](#) **IEEE CNF**

46 Time series intervention analysis for preventive/predictive maintenance management of multiunit systems

Okogbaa, O.G.; Xia Peng;

Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on , Volume: 5 , 11-14 Oct. 1998

Page(s): 4659 -4664 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEEE CNF**

47 The application of fuzzy prediction for the improvement of QoS performance

Qiu, B.;

Communications, 1998. ICC 98. Conference Record.1998 IEEE International Conference on , Volume: 3 , 7-11 June 1998

Page(s): 1769 -1773 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

48 Characterization of optimal age-replacement policies

Cassady, C.R.; Maillart, L.M.; Bowden, R.O.; Smith, B.K.;

Reliability and Maintainability Symposium, 1998. Proceedings., Annual , 19-22 Jan. 1998

Page(s): 170 -175

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) **IEEE CNF**

49 Parsec: a parallel simulation environment for complex systems

Bagrodia, R.; Meyer, R.; Takai, M.; Yu-An Chen; Xiang Zeng; Martin, J.; Ha Yoon Song;

Computer, Volume: 31 Issue: 10, Oct. 1998

Page(s): 77 -85

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) **IEEE JNL**

50 A mathematical model for skeletal muscle activated by N-let pulse trains

Dorgan, S.J.; O'Malley, M.J.;

Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neural Systems and Rehabilitation], Volume: 6 Issue: 3, Sept. 1998

Page(s): 286 -299

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE JNL**

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Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

51 On line diagnosis of defaults on squirrel cage motors using FEM

Bentounsi, A.; Nicolas, A.;

Magnetics, IEEE Transactions on , Volume: 34 Issue: 5 , Sept. 1998

Page(s): 3511 -3514

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE JNL**

52 IMMPDAF for radar management and tracking benchmark with ECM

Kirubarajan, T.; Bar-Shalom, Y.; Blair, W.D.; Watson, G.A.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 34 Issue: 4 , Oct. 1998

Page(s): 1115 -1134

[\[Abstract\]](#) [\[PDF Full-Text \(1868 KB\)\]](#) **IEEE JNL**

53 Probabilistic evaluation of the effect of maintenance on reliability. An application [to power systems]

Endrenyi, J.; Anders, G.J.; Leite da Silva, A.M.;

Power Systems, IEEE Transactions on , Volume: 13 Issue: 2 , May 1998

Page(s): 576 -583

[\[Abstract\]](#) [\[PDF Full-Text \(708 KB\)\]](#) **IEEE JNL**

54 C mparis n of c nventional approaches and

Print Format

1 of 11

9/19/03 7:21 PM

s ft-c mputing appr aches for s ftware quality predicti n*Baisch, E.; Liedtke, T.;*

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation'. , 1997 IEEE International Conference on , Volume: 2 , 12-15 Oct. 1997

Page(s): 1045 -1049 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE CNF](#)

55 Serial replacement maintenance philosophies and multiple-failure diagnostic strategies: a marriage of multiple-fault integrity and common cause sensibility*Gould, E.;*

AUTOTESTCON '97. 1997 IEEE Autotestcon Proceedings , 22-25 Sept. 1997

Page(s): 446 -454

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) [IEEE CNF](#)

56 Performance enhancement of existing air conditioning systems*Mathur, G.D.;*

Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociety , Volume: 3 , 27 July-1 Aug. 1997

Page(s): 1618 -1623 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) [IEEE CNF](#)

57 Human interface evaluation by simulation*Nakatani, Y.; Nakagawa, T.; Terashita, N.; Umeda, Y.;*

Human Factors and Power Plants, 1997. 'Global Perspectives of Human Factors in Power Generation'. , Proceedings of the 1997 IEEE Sixth Conference on , 8-13 June 1997

Page(s): 7/18 -7/23

[\[Abstract\]](#) [\[PDF Full-Text \(752 KB\)\]](#) [IEEE CNF](#)

58 Thermal management and concurrent system design of a wearable multicomputer*Amon, C.H.; Egan, E.R.; Smailagic, A.; Siewiorek, D.P.;*

Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 20 Issue: 2 , June 1997

Page(s): 128 -137

[\[Abstract\]](#) [\[PDF Full-Text \(216 KB\)\]](#) **IEEE JNL**

**59 N nukes is g d news for superc mputers [nuclear
weap ns simulati n]**

Clark, D.;

Concurrency, IEEE [see also IEEE Parallel & Distributed Technology] ,

Volume: 5 Issue: 2 , April-June 1997

Page(s): 11 -12

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE JNL**

60 The fitness of false beliefs

Hearst, M.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 12 Issue:

4 , July-Aug. 1997

Page(s): 11 -14

[\[Abstract\]](#) [\[PDF Full-Text \(104 KB\)\]](#) **IEEE JNL**

**61 A method of learning implication networks from empirical
data: algorithm and Monte-Carlo simulation-based validation**

Jiming Liu; Desmarais, M.C.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 9

Issue: 6 , Nov.-Dec. 1997

Page(s): 990 -1004

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE JNL**

62 Virtual reality-an industry user's perspective

Morrissey, M.;

Virtual Reality - User Issues (Digest No: 1996/068), IEE Colloquium
on , 25 March 1996

Page(s): 7/1 -7/2

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) **IEE CNF**

**63 Adaptation of frame length, frequency and bandwidth with
automatic HF communications**

Greiner, G.;

Frequency Selection and Management Techniques for HF

Communications, IEE Colloquium on , 7-8 Feb 1996

Page(s): 15/1 -15/5

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) [IEEE CNF](#)

64 Using the National Information Infrastructure (NII) for monitoring, diagnostics and prognostics for operating machinery

Proha, S.;

Decision and Control, 1996., Proceedings of the 35th IEEE , Volume: 3 , 11-13 Dec. 1996

Page(s): 2583 -2587 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) [IEEE CNF](#)

65 A method of learning implication networks from empirical data: algorithms and Monte Carlo simulation based validation

Jiming Liu; Desmarais, M.C.; Tang, Y.Y.;

Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Volume: 2 , 14-17 Oct. 1996

Page(s): 1291 -1296 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) [IEEE CNF](#)

66 Detection of fault-prone software modules during a spiral life cycle

Khoshgoftaar, T.M.; Allen, E.B.; Halstead, R.; Trio, G.P.;

Software Maintenance 1996, Proceedings., International Conference on , 4-8 Nov. 1996

Page(s): 69 -76

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) [IEEE CNF](#)

67 40 kW Stirling engine for solid fuel

Carlsen, H.; Ammundsen, N.; Traerup, J.;

Energy Conversion Engineering Conference, 1996. IECEC 96.

Proceedings of the 31st Intersociety , Volume: 2 , 11-16 Aug. 1996

Page(s): 1301 -1306 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(748 KB\)\]](#) [IEEE CNF](#)

68 Cooling strategies for embedded electronic components of wearable computers fabricated by shape deposition manufacturing

Egan, E.; Amon, C.H.;

Thermal Phenomena in Electronic Systems, 1996. I-THERM V., Inter-Society Conference on , 29 May-1 June 1996

Page(s): 13 -20

[\[Abstract\]](#) [\[PDF Full-Text \(920 KB\)\]](#) **IEEE CNF**

69 An expert system based framework for an incipient failure detection and predictive maintenance system

Butler, K.L.;

Intelligent Systems Applications to Power Systems, 1996.

Proceedings, ISAP '96., International Conference on , 28 Jan.-2 Feb. 1996

Page(s): 321 -326

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) **IEEE CNF**

70 Performance modeling using object-oriented execution-driven simulation

Sampogna, A.; Kaeli, D.R.; Green, D.; Silva, M.; Sniezek, C.J.;

Simulation Symposium, 1996. Proceedings of the 29th Annual , 8-11 April 1996

Page(s): 183 -192

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) **IEEE CNF**

71 Analysis of torques in large steam turbine driven induction generator shafts following disturbances on the system supply

Hammons, T.J.; Lee, S.K.; Low, K.Y.;

Energy Conversion, IEEE Transactions on , Volume: 11 Issue: 4 , Dec. 1996

Page(s): 693 -700

[\[Abstract\]](#) [\[PDF Full-Text \(1160 KB\)\]](#) **IEEE JNL**

72 A neural fuzzy system to evaluate software development productivity

Baisch, E.; Bleile, T.; Belschner, R.;

Systems, Man and Cybernetics, 1995. 'Intelligent Systems for the 21st Century', IEEE International Conference on , Volume: 5 , 22-25 Oct. 1995

Page(s): 4603 -4608 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) **IEEE CNF**

73 High power, high performance parallel connected multiconverters: analysis and control

Matakas, L., Jr.; Burlacu, C.; Hasada, E.;

Industrial Electronics, 1995. ISIE '95., Proceedings of the IEEE International Symposium on , Volume: 1 , 10-14 July 1995

Page(s): 121 -126 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) **IEEE CNF**

74 An approach to radiated testing of installed airborne Doppler radar with weather/windshear detection capability

Michaels, J. F.;

Aerospace and Electronic Systems Magazine, IEEE , Volume: 10

Issue: 12 , Dec. 1995

Page(s): 25

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE JNL**

75 An online dispatcher training simulator function for real-time analysis and training

Vadari, S.V.; Montstream, M.J.; Ross, H.B., Jr.;

Power Systems, IEEE Transactions on , Volume: 10 Issue: 4 , Nov. 1995

Page(s): 1798 -1804

[\[Abstract\]](#) [\[PDF Full-Text \(664 KB\)\]](#) **IEEE JNL**

76 Effect of floating conducting objects on critical switching impulse breakdown of air insulation

Rizk, F.A.M.;

Power Delivery, IEEE Transactions on , Volume: 10 Issue: 3 , July 1995

Page(s): 1360 -1370

[\[Abstract\]](#) [\[PDF Full-Text \(804 KB\)\]](#) **IEEE JNL**

77 SADAP: a simulator for hierarchical fuzzy control of depth of anaesthesia

Linkens, D.A.; Shieh, J.S.; Peacock, J.E.;

NAFIPS/IFIS/NASA '94. Proceedings of the First International Joint Conference of the North American Fuzzy Information Processing Society Biannual Conference. The Industrial Fuzzy Control and Intelligent Systems Conference, and the NASA Joint Technology Dec. 1994

Page(s): 386 -390

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF**

78 Combining static and dynamic analysis of concurrent programs

Anger, F.D.; Rodriguez, R.V.; Young, M.;

Software Maintenance, 1994. Proceedings., International Conference on , 19-23 Sept. 1994
Page(s): 89 -98

[\[Abstract\]](#) [\[PDF Full-Text \(772 KB\)\]](#) **IEEE CNF**

79 A multiple target sputter system with enhanced wafer uniformity, lifetime uniformity, and wafer scalability
Bang, D.S.; Saraswat, K.C.; Krivokapic, Z.; McVittie, J.P.;
Electron Devices Meeting, 1994. Technical Digest., International , 11-14 Dec. 1994
Page(s): 549 -552

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

80 Detection threshold selection for tracking performance optimization
Li, X.R.; Bar-Shalom, Y.;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 30 Issue: 3 , July 1994
Page(s): 742 -749

[\[Abstract\]](#) [\[PDF Full-Text \(588 KB\)\]](#) **IEEE JNL**

81 Live working diagnosis of joints of overhead lines
Penserini, P.; Le Huerou, M.; Ecochard, L.;
Electricity Distribution, 1993. CIRED., 12th International Conference on , 17-21 May 1993
Page(s): 3.3/1 -3.3/5 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEE CNF**

82 Performance trending for management of high-speed packet-switched networks
Sankar, R.; Singh, R.;
Global Telecommunications Conference, 1993, including a Communications Theory Mini-Conference. Technical Program Conference Record, IEEE in Houston. GLOBECOM '93., IEEE , 29 Nov.-2 Dec. 1993
Page(s): 1777 -1781 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**

83 Validation and recovery of vibration data in electromachine systems using neural network software

Karam, M.; Ghassemzadeh, M.; Dai, N.; Gandikota, M.; Trzynadlowski, A.M.;
Industry Applications Society Annual Meeting, 1993., Conference
Record of the 1993 IEEE , 2-8 Oct. 1993
Page(s): 225 -232 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) [IEEE CNF](#)

84 Abnormality diagnosis of GIS using adaptive resonance theory

Ogi, H.; Tanaka, H.; Akimoto, Y.; Izui, Y.;
Neural Networks to Power Systems, 1993. ANNPS '93., Proceedings
of the Second International Forum on Applications of , 19-22 April
1993
Page(s): 181 -186

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) [IEEE CNF](#)

85 Diagnostic reasoning technology for the on-board maintenance system

Reibling, L.A.; Bublin, S.C.;
Aerospace and Electronics Conference, 1993. NAECON 1993.,
Proceedings of the IEEE 1993 National , 24-28 May 1993
Page(s): 930 -936 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#) [IEEE CNF](#)

86 SME filter approach to multiple target tracking with radar measurements

Sastry, C.R.; Kamen, E.W.;
Radar and Signal Processing, IEE Proceedings F , Volume: 140 Issue:
4 , Aug. 1993
Page(s): 251 -260

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) [IEE JNL](#)

87 Improving the efficacy of electrical stimulation-induced leg cycle ergometry: an analysis based on a dynamic musculoskeletal model

Schutte, L.M.; Rodgers, M.M.; Zajac, F.E.; Glaser, R.M.;
Rehabilitation Engineering, IEEE Transactions on [see also IEEE
Trans. on Neural Systems and Rehabilitation] , Volume: 1 Issue: 2 ,
June 1993
Page(s): 109 -125

[\[Abstract\]](#) [\[PDF Full-Text \(1624 KB\)\]](#) **IEEE JNL**

88 A supervision support system for industrial processes

Penalva, J.M.; Coudouneau, L.; Leyval, L.; Montmain, J.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 8 Issue: 5
, Oct. 1993

Page(s): 57 -65

[\[Abstract\]](#) [\[PDF Full-Text \(1444 KB\)\]](#) **IEEE JNL**

89 Multiple target tracking using products of position measurements

Kamen, E.W.; Sastry, C.R.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume:
29 Issue: 2 , April 1993

Page(s): 476 -493

[\[Abstract\]](#) [\[PDF Full-Text \(1108 KB\)\]](#) **IEEE JNL**

90 An assessment of state and lookup overhead in routers

Estrin, D.; Mitzel, D.J.;

INFOCOM '92. Eleventh Annual Joint Conference of the IEEE
Computer and Communications Societies. IEEE , 4-8 May 1992

Page(s): 2332 -2342 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(932 KB\)\]](#) **IEEE CNF**

91 A novel approach to knowledge-based communication system design

Edrich, M.;

Artificial Intelligence for Applications, 1992., Proceedings of the
Eighth Conference on , 2-6 March 1992

Page(s): 272 -278

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) **IEEE CNF**

92 Collision avoidance system concept for mobile servicing system

Sakata, H.; Ng, T.; Mack, B.;

Intelligent Robots and Systems '91. 'Intelligence for Mechanical
Systems, Proceedings IROS '91. IEEE/RSJ International Workshop on
, 3-5 Nov. 1991

Page(s): 1641 -1646 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

93 Finite element analysis of a solid rotor inductance motor under static winding defects

Obiozor, C.N.; Sadiku, M.N.O.;

Southeastcon '91., IEEE Proceedings of , 7-10 April 1991

Page(s): 449 -453 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [IEEE CNF](#)

94 Design of an orbital debris radar ground demonstration

Paz, I.; Carl, J.R.; Shaw, R.W.; Kovitz, J.K.; Arndt, G.D.;

Aerospace Applications Conference, 1989. Digest., 1989 IEEE , 12-17 Feb. 1989

Page(s): 15 pp.

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) [IEEE CNF](#)

95 Rapid prototyping of the operational definition of command and control consoles

Turnheim, A.; Lachover, I.;

Computer Systems and Software Engineering, 1989. Proceedings. Fourth Israel Conference on , 5-6 June 1989

Page(s): 133 -138

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) [IEEE CNF](#)

96 The reliability of regeneration-based replica control protocols

Long, D.D.E.; Carroll, J.L.; Stewart, K.;

Distributed Computing Systems, 1989., 9th International Conference on , 5-9 June 1989

Page(s): 465 -473

[\[Abstract\]](#) [\[PDF Full-Text \(628 KB\)\]](#) [IEEE CNF](#)

97 Analysis of repair data

Nelson, W.;

Reliability and Maintainability Symposium, 1988. Proceedings., Annual , 26-28 Jan. 1988

Page(s): 231 -233

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) [IEEE CNF](#)

98 Dependability testing of switching systems in the design phase

Strandberg, K.; Andersson, H.;
Communications, 1988. ICC 88. Digital Technology - Spanning the
Universe. Conference Record. IEEE International Conference on ,
12-15 June 1988
Page(s): 841 -845 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) **IEEE CNF**

**99 Design and performance of a traffic management system
for an intelligent network**

Tsiotras, G.D.;

INFOCOM '88. Networks: Evolution or Revolution? Proceedings.
Seventh Annual Joint Conference of the IEEE Computer and
Communications Societies., IEEE , 27-31 March 1988

Page(s): 208 -215

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**

**100 Magnetic Localization of AC-Driven Buried Cable by the
SCARAB Submersible**

Francis, S.;

OCEANS , Volume: 8 , Sep 1976

Page(s): 624 -630

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF**

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